



#4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/849831
				Filing Date	05/04/01
				First Named Inventor	Masten, Billy R.
				Group Art Unit	2877
				Examiner's Name	Evans, F.
Sheet	of	Atty Document No.			

US Patent Documents						
Examiner Initials	Cite No.	US Patent Document Number	Kind Code	Name of Patentee or Cited Document	Date of Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
JK		4,206,569		Randolph, Joe G.	06/10/1980	All
JK		4,560,275		Goetz	12/24/85	All
JK		4,996,421		Rai, et. al.	02/26/91	All
JK		5,134,291		Ruhl, et. al.	07/28/92	All
JK		5,144,767		McCloy, et. al.	09/08/1992	All
JK		5,296,702		Beck	03/22/1994	All
JK		5,389,781		Beck	02/14/1995	All
JK		5,585,626		Beck	12/17/1996	All
JK		5,606,821		Sadjadi	03/04/1997	All
JK		5,763,873		Beck	06/09/1998	All

Foreign Patent Documents								
Examiner Initials	Cite No.	Foreign Patent Document Office	Number	Kind Code	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T

Other Prior Art – Non Patent Literature Documents							
Examiner Initials	Cite No.	Insert name of the author (in CAPITAL LETTERS), title of the article, (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc) date, page(s), column issue, number(s) publisher, city and/or country where published.					T
JK		Plant discrimination and Description by Spectral Image Analysis, Scottish Agricultural College					
JK		1997 Annual Report to Cotton Incorporated on the Development of a Robotic Weed Control System for Cotton.					
JK		Photograph of Spray Device attached hereto					

Note: The above non-patent literature is not believed to constitute prior art in view of applicant's date of invention. If, however, the Patent Office deems such literature to adversely affect patentability, Applicant will make further efforts to determine the effective dates of these references. The sprayer of the photograph is, however, believed to be prior art to applicant's invention.

Examiner Signature		Date Considered	7-2003
--------------------	--	-----------------	--------

RECEIVED
JUN 26 2004
TIC 2000 MAIL ROOM



GP/2877
#6 (IDS)
8/9/02
C. MCTUM

Supplemental Information Disclosure Statement by Applicant				Application No.	09/849831
				Filing Date	05/04/01
				First Named Inventor	Masten, Billy R.
				Group Art Unit	2877
				Examiner's Name	Evans, F.
Sheet	1	of	1	Atty Document No.	

US Patent Documents						
Examiner Initials	Cite No.	US Patent Document Number	Kind Code	Name of Patentee or Cited Document	Date of Publication of Cited Document MM/DD/YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
See Prior Statement filed with Application						

Other Prior Art - Non Patent Literature Documents						
Examiner Initials	Cite No	Insert name of the author (in CAPITAL LETTERS), title of the article, (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc) date, page(s), column issue, number(s) publisher, city and/or country where published.				T
<i>fat</i>		B.L. Steward, L. F. Tian, Machine-Vision Weed Density Estimation for Real-time, Ourdoor Lighting Conditions, ASAE Publication Vol. 42(6): 1897-1909 1999				
<i>fat</i>		L. tang, L. Tian, B.L. steward, Color Image Segmentation with Genetic Algorithm for In-Field Weed Sensing, ASAE Publication Vol. 43(4): 1019-1027 May, 2000.				
<i>fat</i>		Precision Chemical Application Systems, Dr. L. Tian, http://www.age.uius.edu/facility/1ft/sprayer.htm				
<i>fat</i>		Precision Farming Sensing Systems, University of Illinois, http://www.age.uiuc.edu/remote-sensing/Sensing.htm .				
Note: The above non-patent literature is not believed to constitute prior art in view of applicant's date of invention. If, however, the Patent Office deems such literature to adversely affect patentability, Applicant will make further efforts to determine the effective dates of these references. The sprayer of the photograph is, however, believed to be prior art to applicant's invention.						

Examiner Signature	<i>J. E. Baker</i>	Date Considered	7-2003
--------------------	--------------------	-----------------	--------

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks
Washington D.C. 20231

on January 12, 2002

Dorsey L. Baker
Dorsey L. Baker
Attorney for Applicant

RECEIVED
FEB 14 2003
TC 2300 MAIL ROOM

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/849,831
				Filing Date	05/04/01
				First Named Inventor	Billy R. Masten
				Group Art Unit	2877
				Examiner's Name	Evans, F
Sheet	1	of	1	Atty Document No.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application No. 09/849,831

Filing Date 05/04/01

First Named Inventor **Billy R. Masten**

Group Art Unit 2877

Examiner's Name **Evans, F**

Sheet

1

of

1

Atty Document No.

US Patent Documents

Foreign Patent Documents

Other Prior Art – Non Patent Literature Documents

Examiner Initials	Cite No	Insert name of the author (in CAPITAL LETTERS), title of the article, (when appropriate) title of the item (book, magazine, journal, serial, symposium, catalog, etc) date, page(s), column issue, number(s) publisher, city and/or country where published.	T
		Proceedings of the SPIE, Vol. 3543 Entitled "Precision Agriculture and Biological Quality."	

Examiner Signature		Date Considered	7-2003
-----------------------	---	--------------------	--------